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PATENT APPLICATION
Attorney Docket No.: 678-252 (P8722)

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9-24-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Chang-Soo PARK, et al.

GROUP ART UNIT: 2133

APPLICATION NO.: 09/282,851

EXAMINER: Lamarre, Guy J.

FILING DATE: March 31, 1999

DATED: September 9, 2002

FOR:

Assistant Commissioner for Patents
Washington, DC 20231

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Technology Center 2100

RESPONSE

Sir:

In response to the Office Action of the United States Patent and Trademark Office dated May 8, 2002, please consider the following amendments and remarks.

AMENDMENTS

IN THE SPECIFICATION:

Please accept rewritten specification

Please accept replacement page 10, as follows:

21
-- case, the turbo encoder according to the present invention segments (or divides) the 10ms frame into 10/4ms subframes and then, turbo encodes four 5120-bit subframe and then recombining four encoded sub frame into 10 ms frame for channel interleaving. The turbo decoder then decodes the four encoded subframes and recomposes them into one 20480-bit 10 ms frame.

FIG. 3 is a block diagram of a channel transmitter including a turbo encoder according to

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (a)

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Dated: September 9, 2002

Michael J. Musella

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03 FC:10



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PATENT
Attorney Docket 678-252(P8722)

In re application of: Chang-Soo PARK

Serial No.: 09/282,851

Filed: March 31, 1999

Group: Art Unit 2133

Examiner: Lamarre, Guy J.

For: **TURBO ENCODING/DECODING DEVICE AND
METHOD FOR PROCESSING FRAME DATA
ACCORDING TO QoS**

Date: September 9, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- [] Small entity status of this application under 37 C.F.R. § 1.9 and 1.27 has been established by a verified statement previously submitted.
- [] A verified statement to establish small entity under 37 C.F.R. § 1.9 and 1.27 is enclosed.
- [] No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDIT. FEE	OR RATE ADDIT. FEE
TOTAL	52	MINUS	47	=	5	X 9	\$	X 18 \$ 90.00
INDEP.	12	MINUS	8	=	4	X 44	\$	X 84 \$336.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						X 135	\$	X 280 \$
						TOTAL		OR TOTAL \$426.00
						ADDIT. FEE	\$0	

* If the entry in Co. 1 is less than entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For* (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

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Dated: September 9, 2002

Barbara Evers

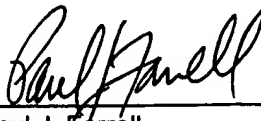
[] Please charge Deposit Account No. 04-1121 in the amount of \$_____. Two (2) copies of this sheet are enclosed.

[x] A check in the amount of \$426.00 is enclosed.

[x] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Respectfully submitted,

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